



Subtropical Storm Alberto QuickLook Posted: 11:00 CDT 05/28/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 05/28/2018 11:00 CDT, water levels along the Gulf Coast of Florida, north of Tampa Bay to the Mississippi River Delta (Louisiana) continue to be elevated 1.0 to 3.0 feet above normal tide levels. Water levels are presently the highest (3 feet above normal tide levels) and rising at Apalachicola, FL, along the Florida Panhandle.

Winds across the Gulf region remain breezy and range from 10 to 25 kts, with occasional gusts up to 40 kts at Apalachicola, FL. Barometric pressure continues to fall along the northeastern Gulf Coast and is rising along the west coast of the Florida Peninsula.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CMF

Select National Hurricane Center Advisory Information:

Subtropical Storm Alberto Advisory Number 14
1000 AM CDT Mon May 28 2018

...CENTER OF ALBERTO NEARING THE COAST OF THE FLORIDA PANHANDLE...
...RAIN BANDS AND GUSTY WINDS SPREADING ONSHORE...

WATCHES AND WARNINGS

----- CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning west of the Alabama/Florida border has been discontinued.

The Storm Surge Watch west of Mexico Beach has been discontinued.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Watch is in effect for...

* Suwannee River to Mexico Beach

A Tropical Storm Warning is in effect for...

* Suwannee River to the Alabama/Florida border

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND OUTLOOK

At 1000 AM CDT (1500 UTC), the center of Subtropical Storm Alberto was located near latitude 29.5 North,

longitude 85.8 West. The storm is moving toward the north near 8 mph (13 km/h). A faster northward or north-northwestward motion is expected during the next few days. On the forecast track, the center of Alberto will cross the northern Gulf Coast in the warning area this afternoon or this evening. After landfall, the system is forecast to move well inland into the Tennessee Valley on Tuesday and into the Ohio Valley and Great Lakes region on Wednesday and Thursday.

Maximum sustained winds are near 60 mph (95 km/h) with higher gusts. Little change in strength is expected before Alberto reaches the northern Gulf Coast later today. Steady weakening is forecast after landfall, and Alberto will likely become a subtropical depression tonight or early Tuesday, and degenerate into a remnant low by Tuesday afternoon.

Winds of 40 mph extend outward up to 105 miles (165 km) from the center. An elevated observing station located about 15 miles (25 km) south of Apalachicola, Florida, recently reported sustained winds of 47 mph (76 km/h). A sustained wind of 36 mph (57 km/h) with a gust to 45 mph (72 km/h) have been observed at Apalachicola, Florida within the past couple of hours.

The estimated minimum central pressure from reconnaissance aircraft data is 992 mb (29.30 inches).

HAZARDS AFFECTING LAND

RAINFALL: Alberto is expected to produce the following rain accumulations through Tuesday:

Central Cuba...Additional 5 to 10 inches, isolated storm-totals of 20 to 25 inches.

The Florida panhandle across eastern and central Alabama and western Georgia...4 to 8 inches, isolated 12 inches.

The Florida Keys and Florida peninsula...Additional 1 to 3 inches, isolated 10 inches.

Rest of the Southeast and Tennessee Valley into the lower mid Atlantic from Tennessee east through the Carolinas...2 to 6 inches.

Rains in Cuba could produce life-threatening flash floods and mudslides. Flooding and flash flooding are possible in the southeast United States, including Florida.

WIND: Tropical storm conditions will spread across the warning area today and continue into this evening.

STORM SURGE: The combination of storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Suwannee River to Mexico Beach...2 to 4 ft

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

TORNADOES: A couple of brief tornadoes are possible today from northern Florida into central and southern Georgia, southern South Carolina, and southeastern Alabama.

SURF: Swells generated by Alberto will continue to affect the eastern and northern Gulf Coast through Tuesday. These swells are likely to cause life-threatening surf and rip current conditions. For more information, consult

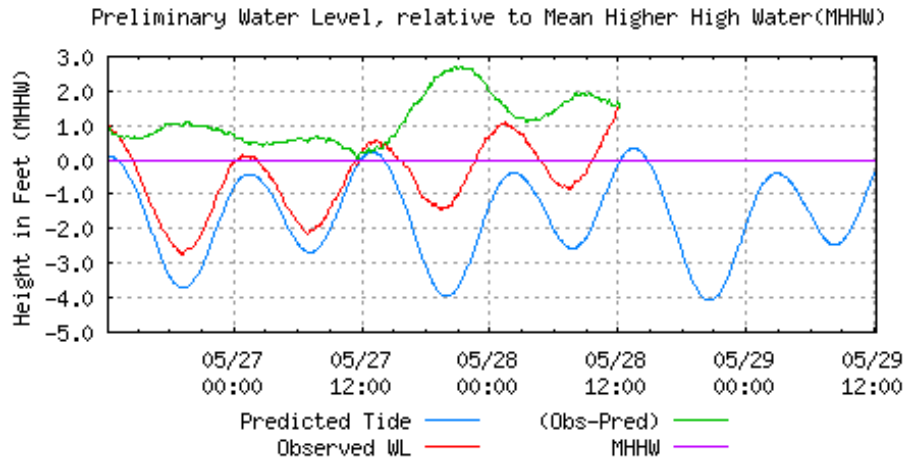
products from your local weather office.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#), [Pilots Station East, S.W. Pass - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [St. Petersburg, Tampa Bay - Water Level](#), [St. Petersburg, Tampa Bay - Winds](#), [St. Petersburg, Tampa Bay - Barometric](#)

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



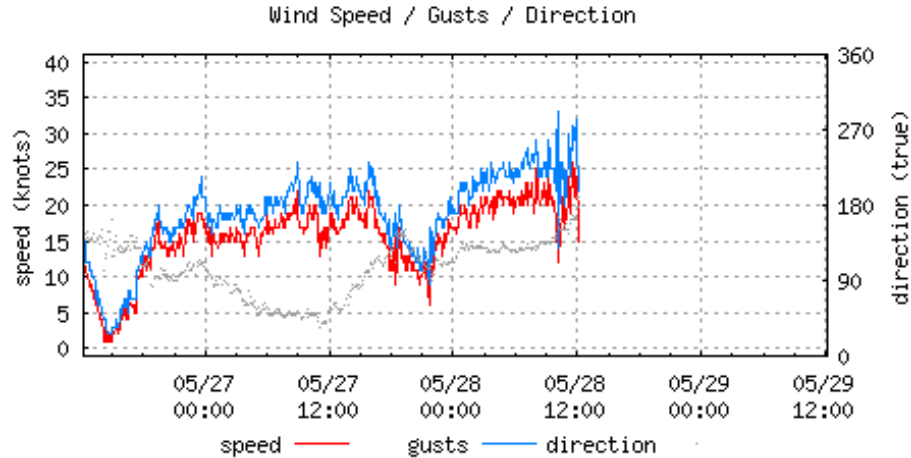
Last Observed Sample: 05/28/2018 12:12 (EDT). Data relative to MHHW

Observed: 1.51 ft. Predicted: -0.02 ft. Residual: 1.53 ft.

Historical Maximum Water Level: Aug 31 1985, 5.41 ft.

Next High Tide: 05/28/2018 13:29 (EDT), 0.34 ft.

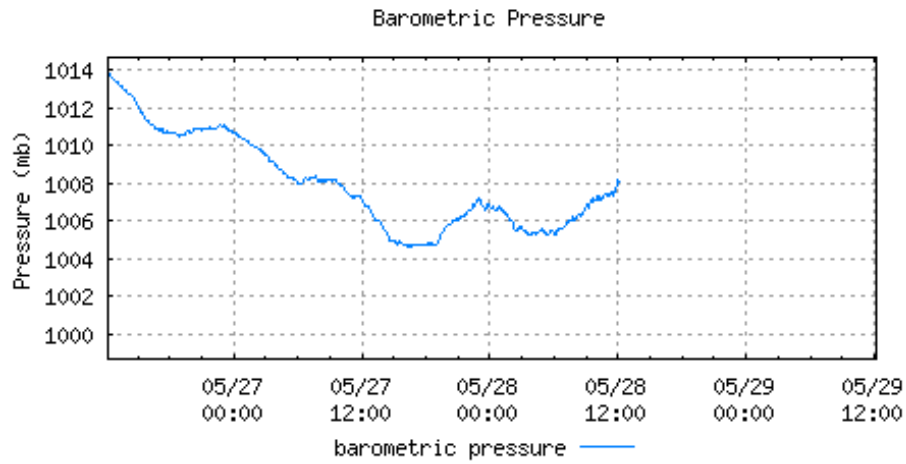
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/28/2018 12:12 (EDT)

Wind Speed: 15 knots Gusts: 22 knots Direction: 177° T

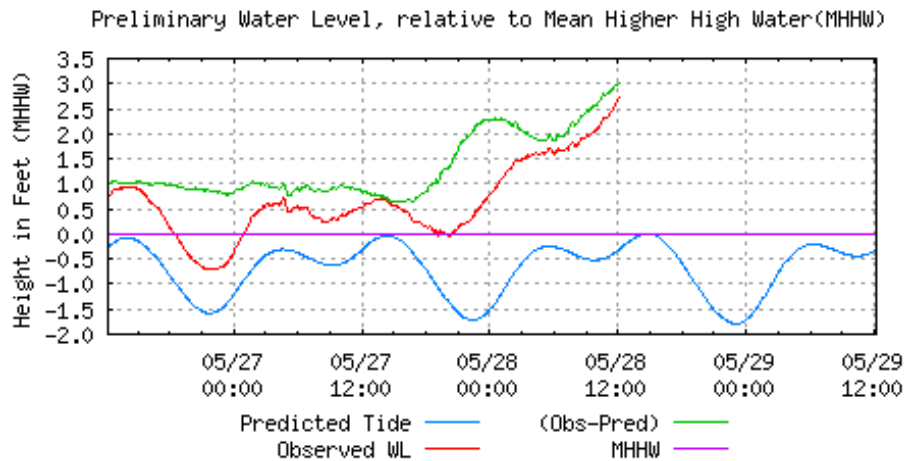
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 05/28/2018 12:12 (EDT)

Barometric Pressure: 1008.1 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



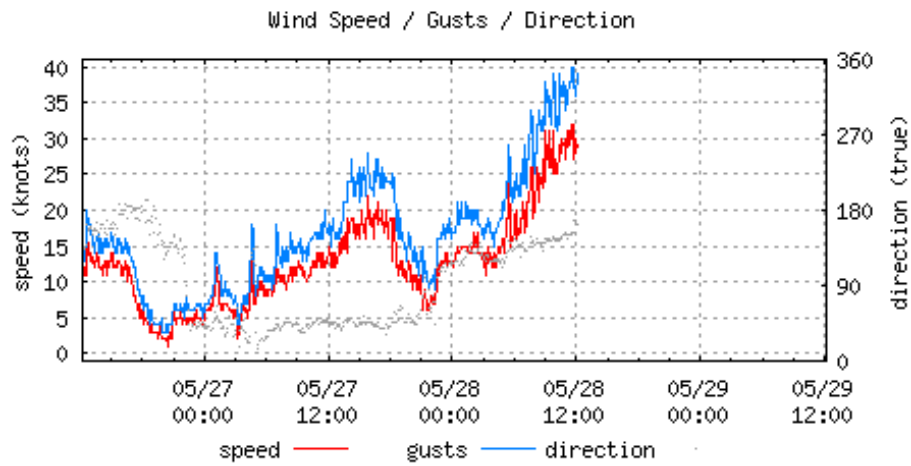
Last Observed Sample: 05/28/2018 12:06 (EDT). Data relative to MHHW

Observed: 2.71 ft. Predicted: -0.31 ft. Residual: 3.02 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 05/28/2018 14:45 (EDT), 0.00 ft.

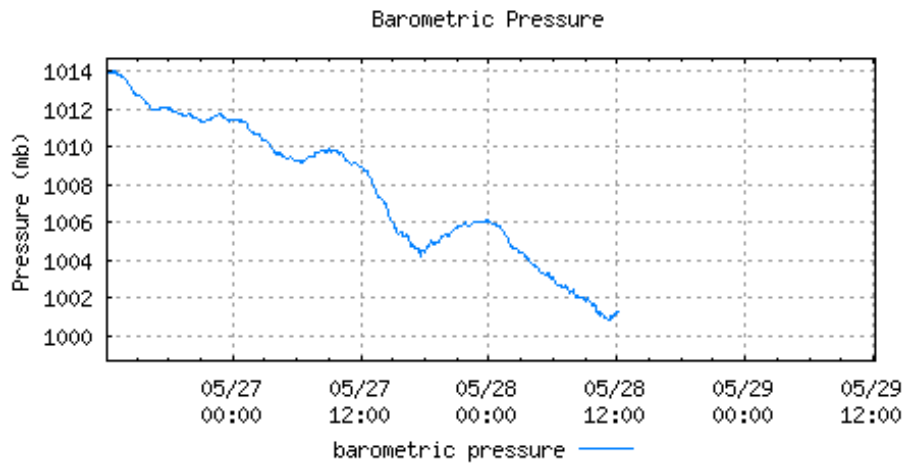
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/28/2018 12:06 (EDT)

Wind Speed: 29 knots Gusts: 39 knots Direction: 164° T

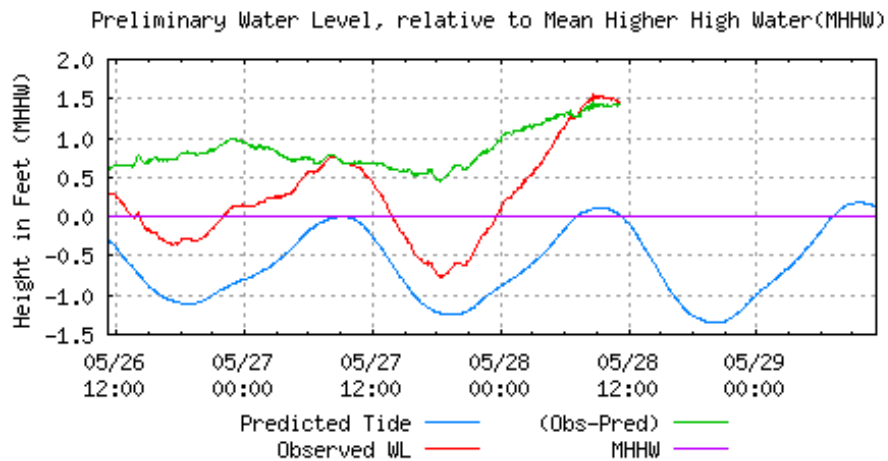
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 05/28/2018 12:06 (EDT)

Barometric Pressure: 1001.3 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL



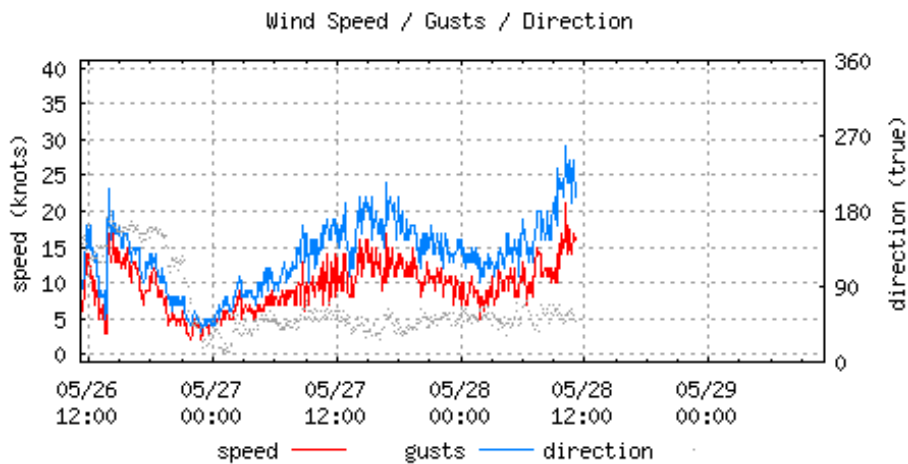
Last Observed Sample: 05/28/2018 11:06 (CDT). Data relative to MHHW

Observed: 1.46 ft. Predicted: 0.03 ft. Residual: 1.43 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 05/29/2018 09:35 (CDT), 0.18 ft.

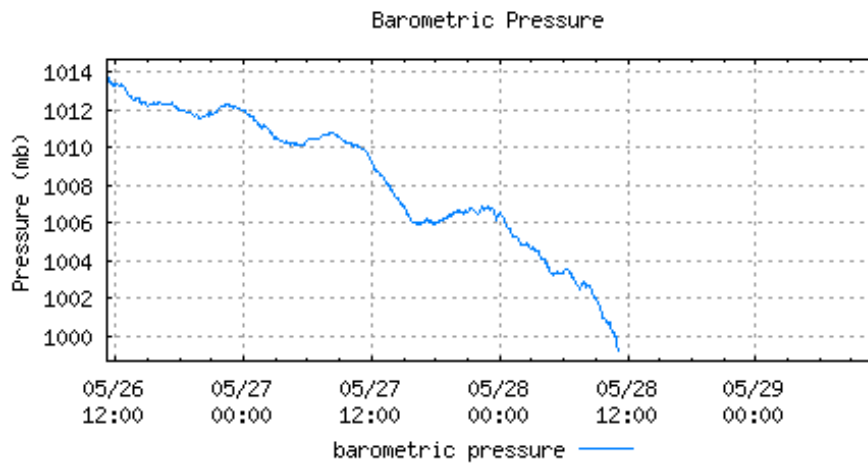
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/28/2018 11:06 (CDT)

Wind Speed: 16 knots Gusts: 22 knots Direction: 49° T

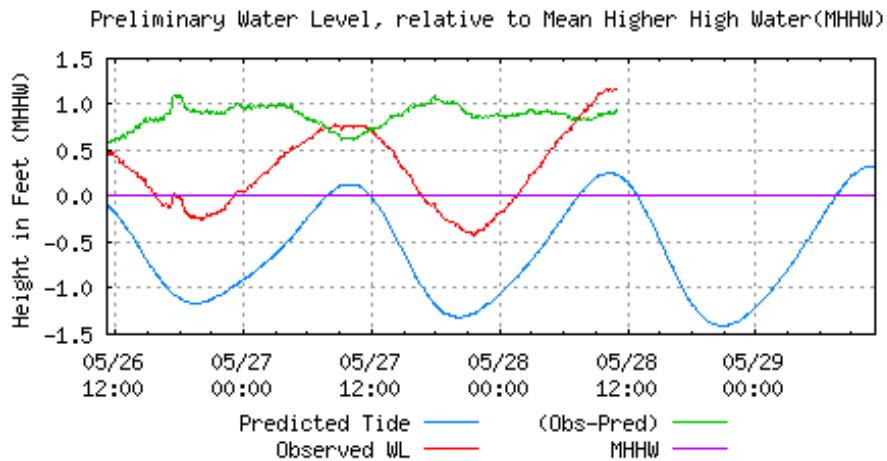
NOAA/NOS/CO-OPS 8729108 Panama City, FL



Last Observed Sample: 05/28/2018 11:06 (CDT)

Barometric Pressure: 999.2 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



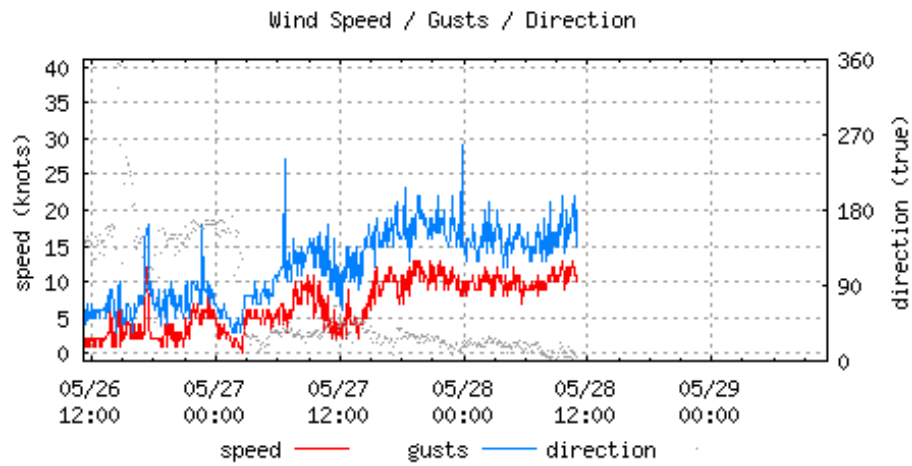
Last Observed Sample: 05/28/2018 11:00 (CDT). Data relative to MHHW

Observed: 1.17 ft. Predicted: 0.23 ft. Residual: 0.94 ft.

Historical Maximum Water Level: Sep 20 1926, 7.41 ft.

Next High Tide: 05/29/2018 10:45 (CDT), 0.32 ft.

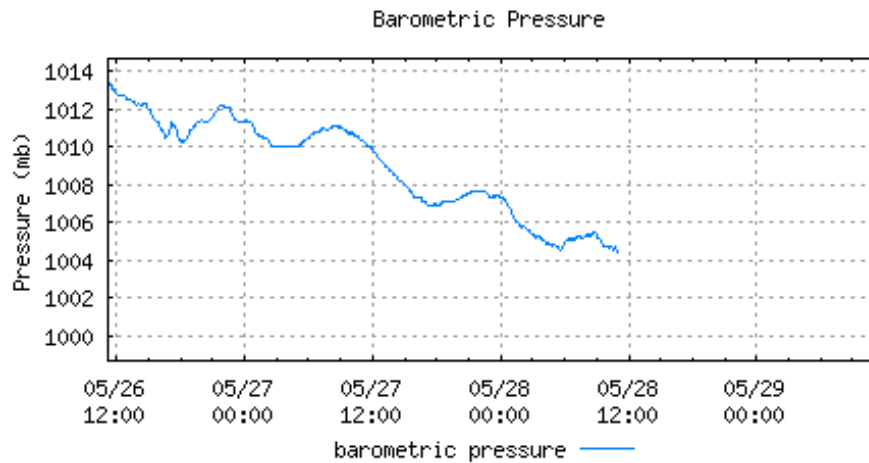
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 05/28/2018 11:00 (CDT)

Wind Speed: 11 knots Gusts: 20 knots Direction: 5° T

NOAA/NOS/CO-OPS 8729840 Pensacola, FL

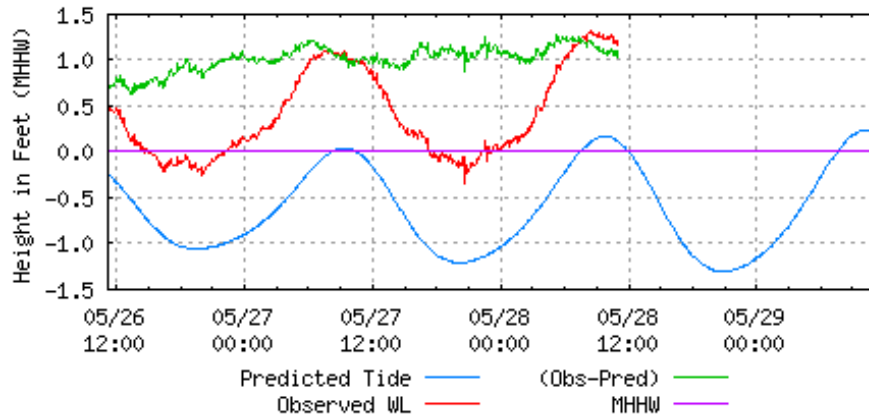


Last Observed Sample: 05/28/2018 11:00 (CDT)

Barometric Pressure: 1004.4 mb

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/28/2018 11:06 (CDT). Data relative to MHHW

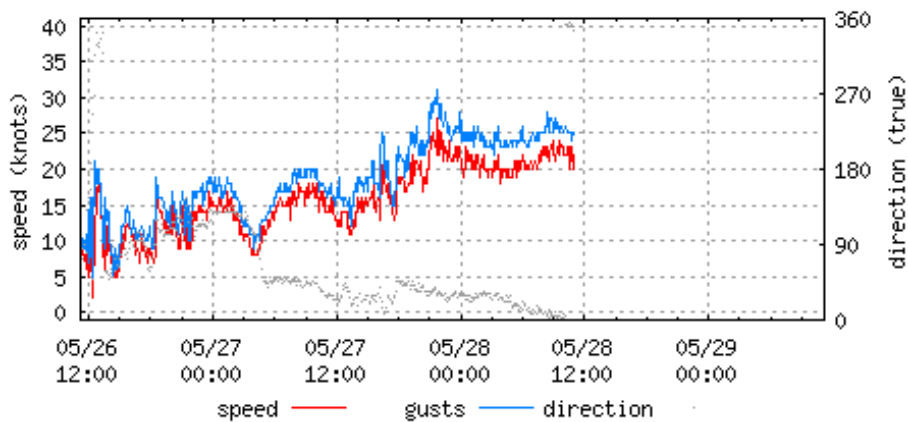
Observed: 1.18 ft. Predicted: 0.11 ft. Residual: 1.07 ft.

Historical Maximum Water Level: Sep 16 2004, 5.94 ft.

Next High Tide: 05/29/2018 10:17 (CDT), 0.24 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

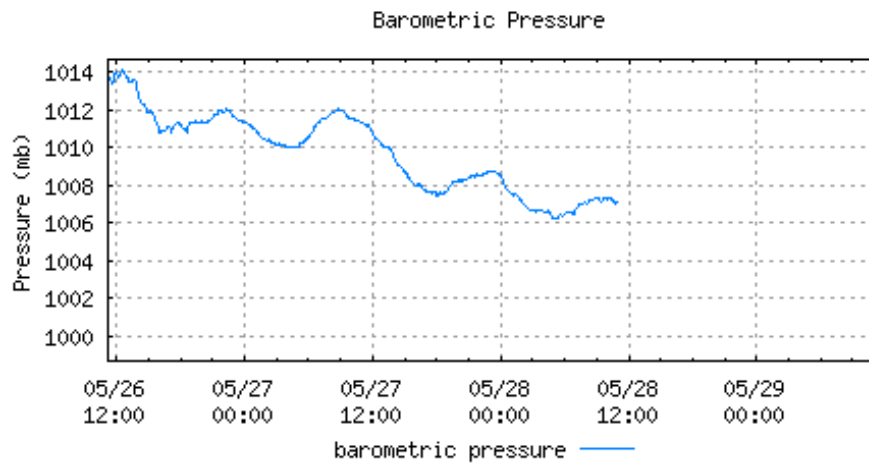
Wind Speed / Gusts / Direction



Last Observed Sample: 05/28/2018 11:06 (CDT)

Wind Speed: 22 knots Gusts: 24 knots Direction: 355° T

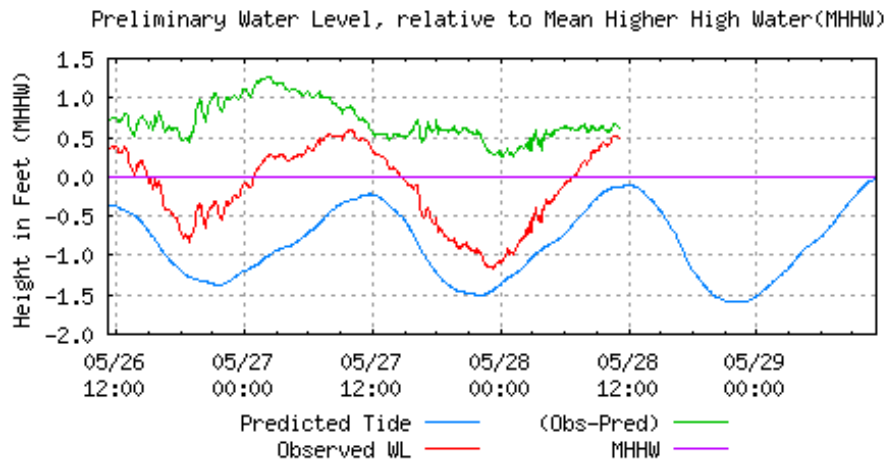
NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



Last Observed Sample: 05/28/2018 11:06 (CDT)

Barometric Pressure: 1007.0 mb

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



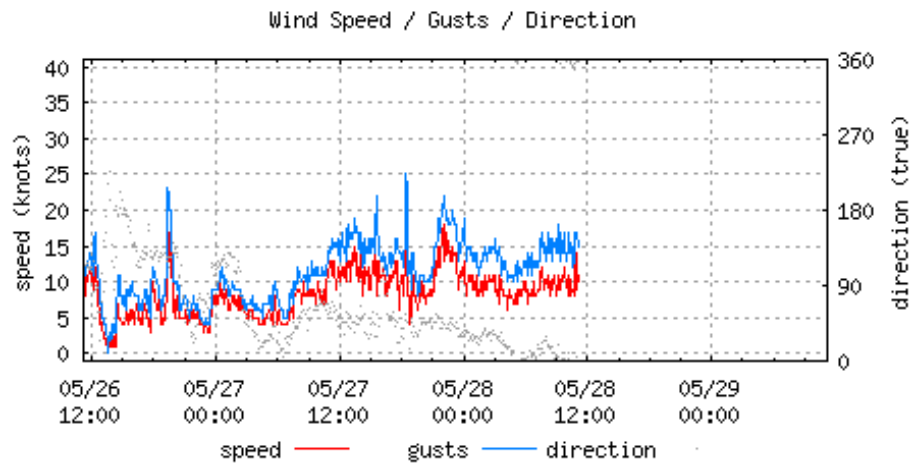
Last Observed Sample: 05/28/2018 11:06 (CDT). Data relative to MHHW

Observed: 0.49 ft. Predicted: -0.14 ft. Residual: 0.63 ft.

Historical Maximum Water Level: Oct 8 2017, 5.38 ft.

Next High Tide: 05/28/2018 12:04 (CDT), -0.11 ft.

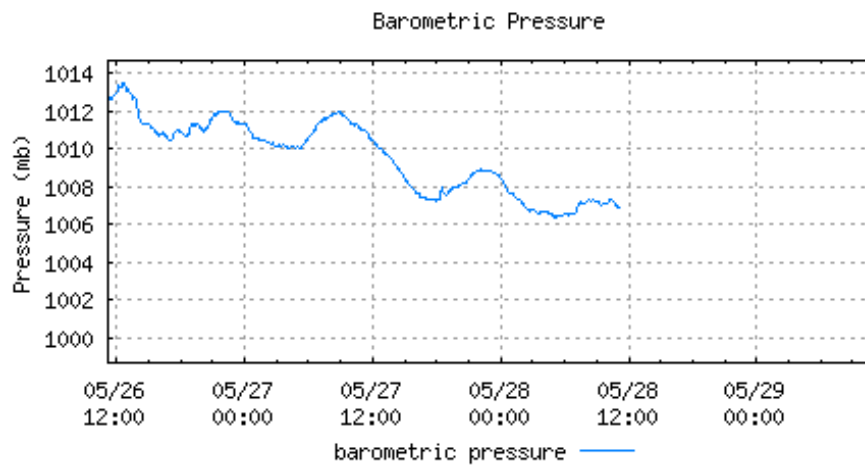
NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 05/28/2018 11:06 (CDT)

Wind Speed: 11 knots Gusts: 15 knots Direction: 357° T

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

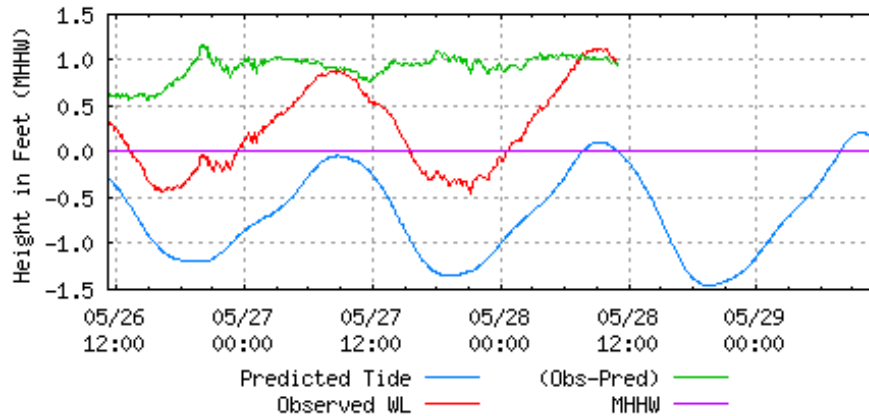


Last Observed Sample: 05/28/2018 11:06 (CDT)

Barometric Pressure: 1006.9 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/28/2018 11:00 (CDT). Data relative to MHHW

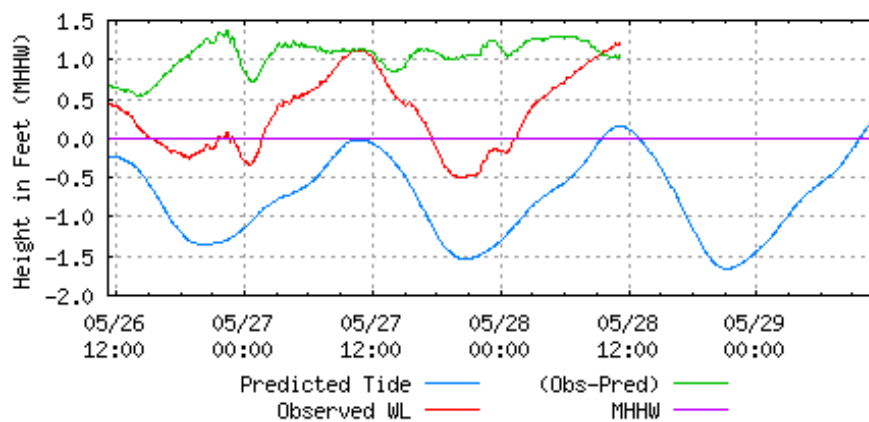
Observed: 0.95 ft. Predicted: 0.00 ft. Residual: 0.95 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

Next High Tide: 05/29/2018 09:47 (CDT), 0.21 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



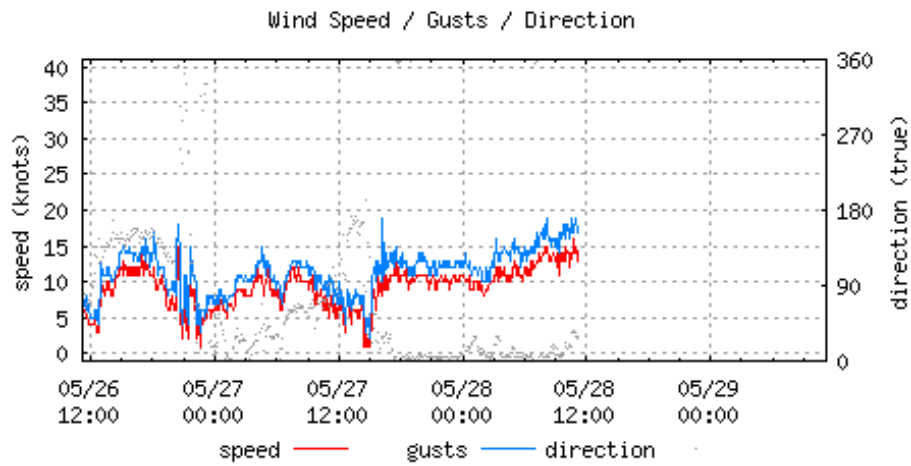
Last Observed Sample: 05/28/2018 11:12 (CDT). Data relative to MHHW

Observed: 1.21 ft. Predicted: 0.15 ft. Residual: 1.06 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 05/29/2018 11:44 (CDT), 0.26 ft.

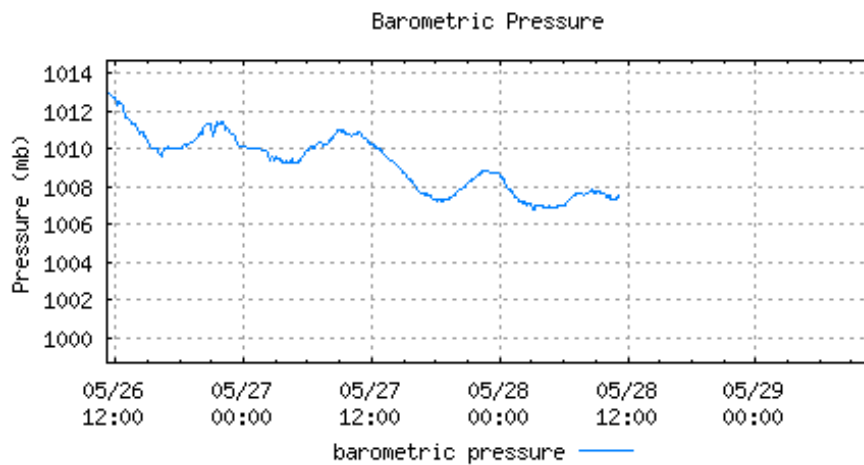
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 05/28/2018 11:12 (CDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 28° T

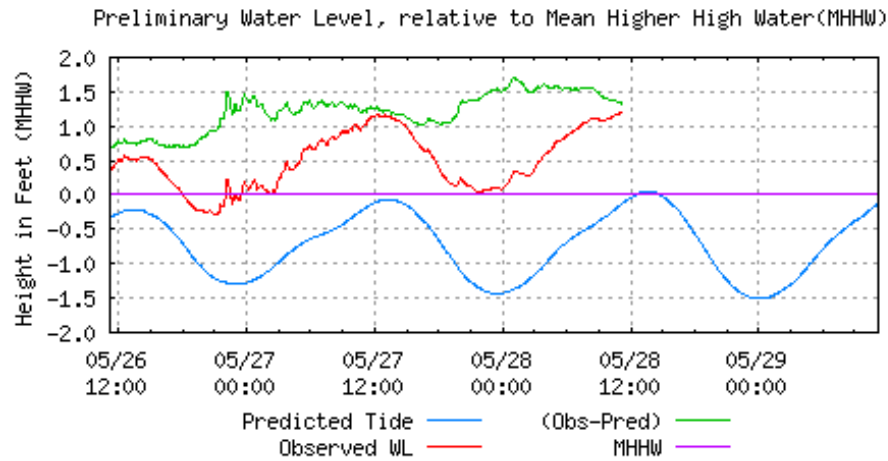
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 05/28/2018 11:12 (CDT)

Barometric Pressure: 1007.5 mb

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



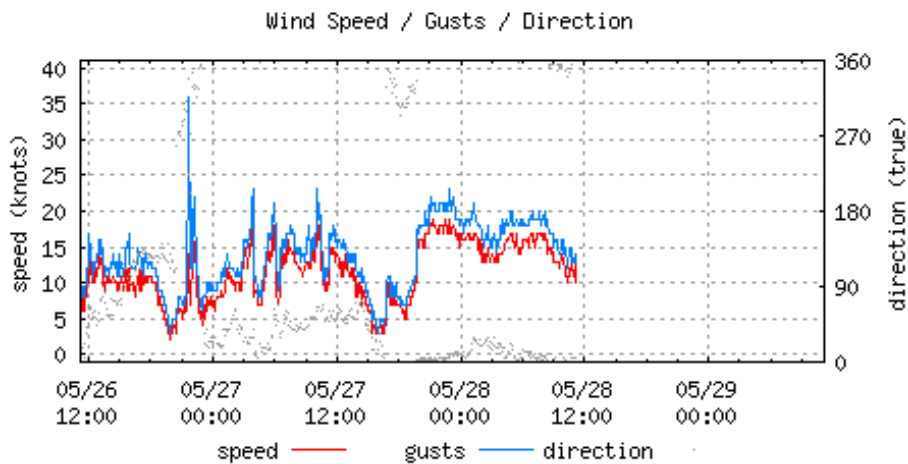
Last Observed Sample: 05/28/2018 11:12 (CDT). Data relative to MHHW

Observed: 1.19 ft. Predicted: -0.13 ft. Residual: 1.32 ft.

Historical Maximum Water Level: Aug 29 2012, 9.37 ft.

Next High Tide: 05/28/2018 13:39 (CDT), 0.05 ft.

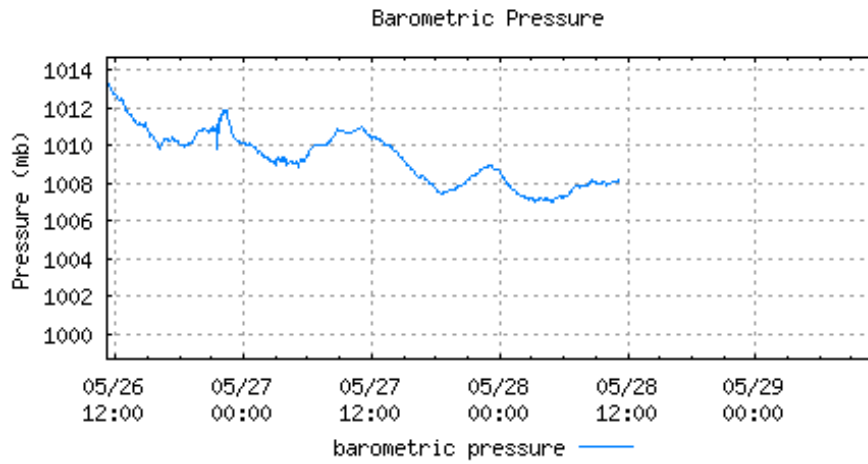
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 05/28/2018 11:12 (CDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 359° T

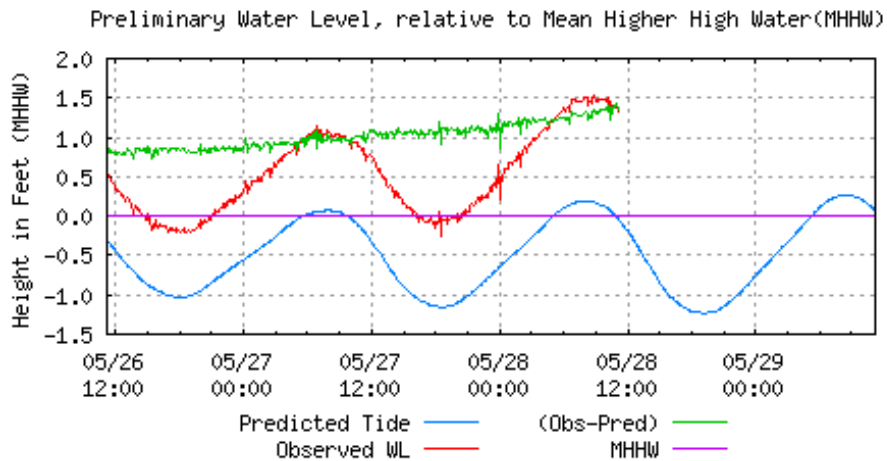
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 05/28/2018 11:12 (CDT)

Barometric Pressure: 1008.2 mb

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



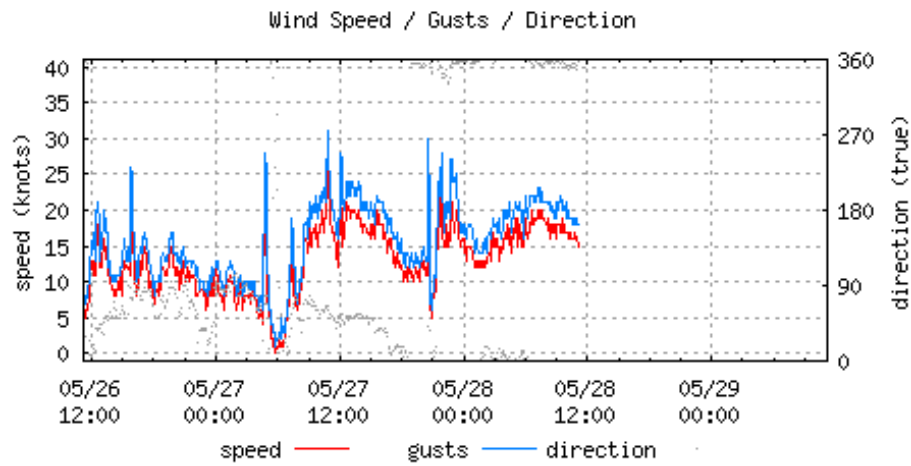
Last Observed Sample: 05/28/2018 11:06 (CDT). Data relative to MHHW

Observed: 1.33 ft. Predicted: -0.03 ft. Residual: 1.36 ft.

Historical Maximum Water Level: Aug 29 2005, 5.54 ft.

Next High Tide: 05/29/2018 08:23 (CDT), 0.26 ft.

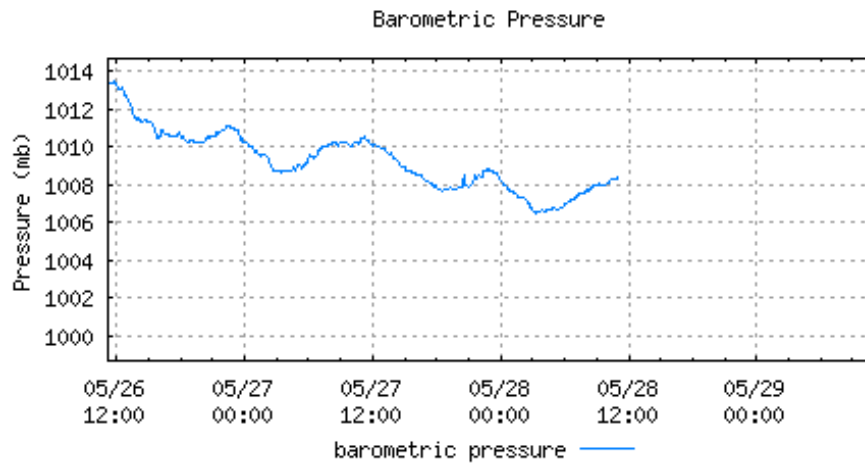
NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA



Last Observed Sample: 05/28/2018 11:06 (CDT)

Wind Speed: 15 knots Gusts: 18 knots Direction: 358° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

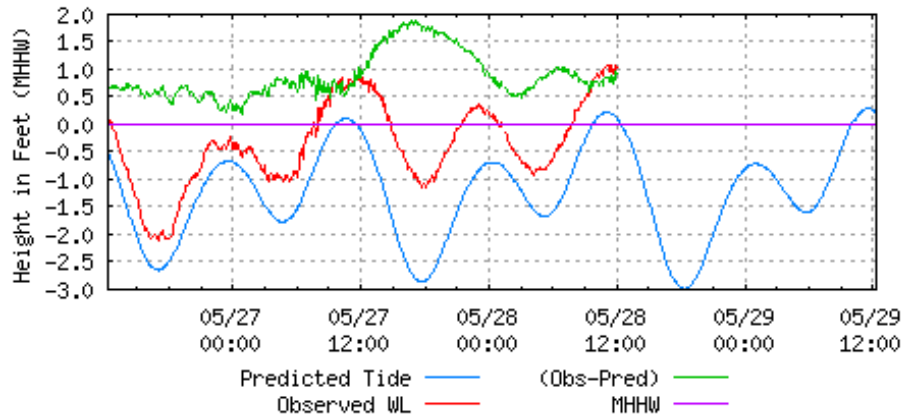


Last Observed Sample: 05/28/2018 11:06 (CDT)

Barometric Pressure: 1008.4 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/28/2018 12:00 (EDT). Data relative to MHHW

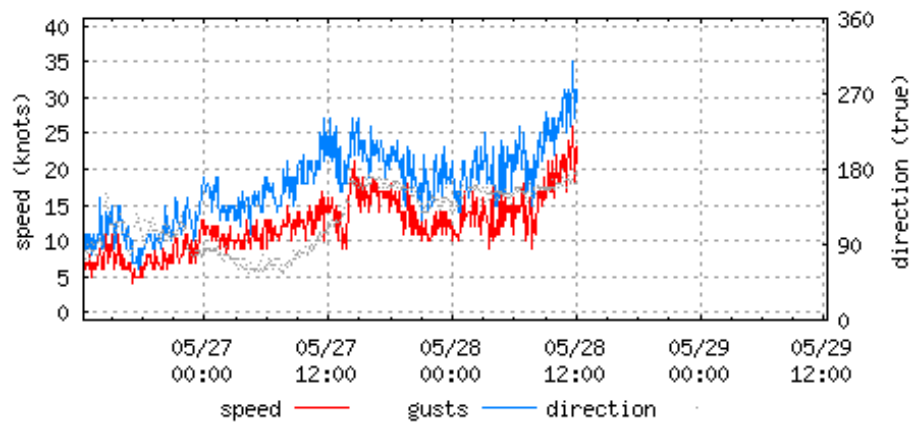
Observed: 1.04 ft. Predicted: 0.11 ft. Residual: 0.93 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 05/29/2018 01:00 (EDT), -0.72 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

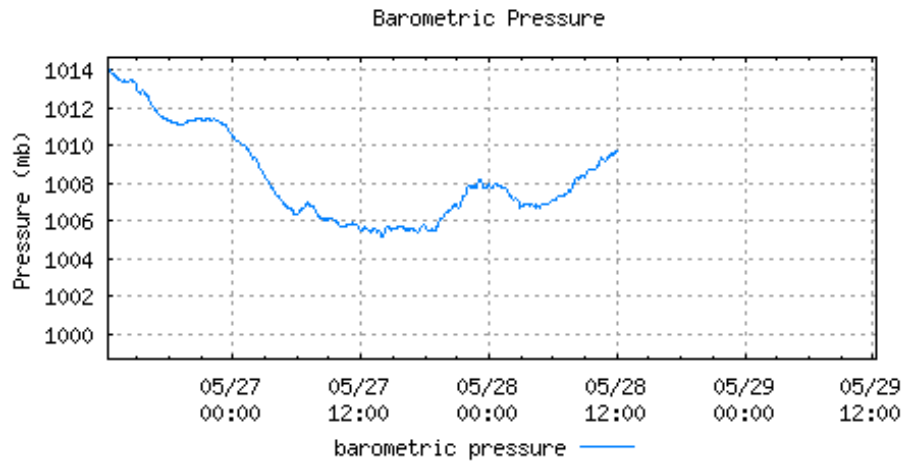
Wind Speed / Gusts / Direction



Last Observed Sample: 05/28/2018 12:00 (EDT)

Wind Speed: 23 knots Gusts: 31 knots Direction: 173° T

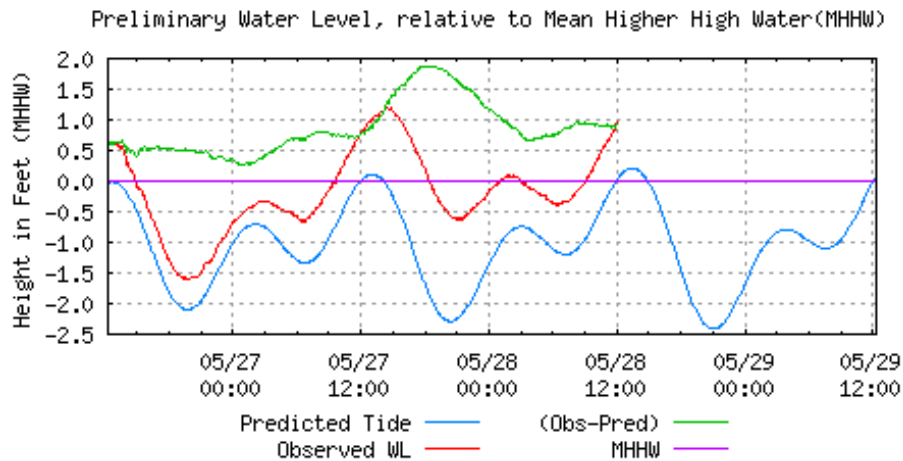
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL



Last Observed Sample: 05/28/2018 12:00 (EDT)

Barometric Pressure: 1009.7 mb

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



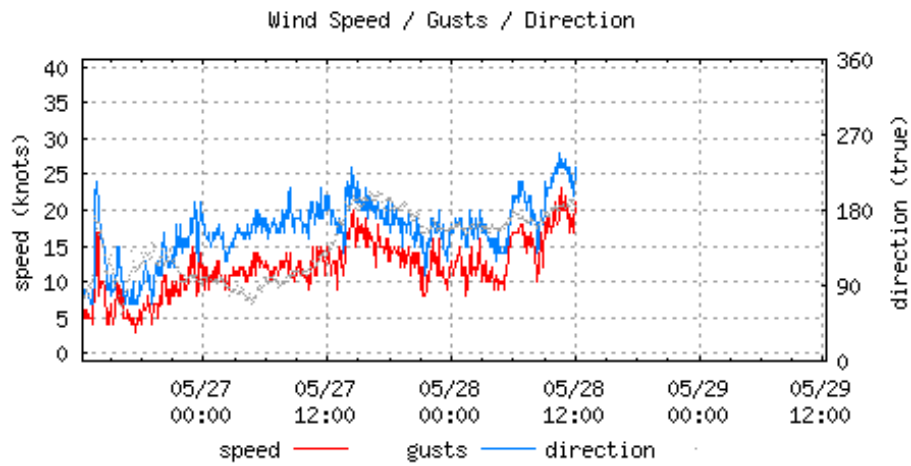
Last Observed Sample: 05/28/2018 12:00 (EDT). Data relative to MHHW

Observed: 0.95 ft. Predicted: 0.02 ft. Residual: 0.93 ft.

Historical Maximum Water Level: Aug 31 1985, 4.00 ft.

Next High Tide: 05/28/2018 13:26 (EDT), 0.21 ft.

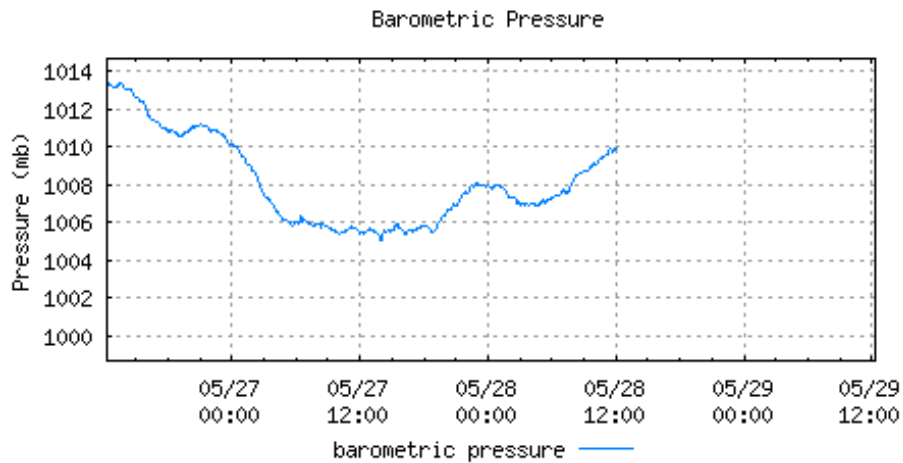
NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/28/2018 12:00 (EDT)

Wind Speed: 21 knots Gusts: 26 knots Direction: 186° T

NOAA/NOS/CO-OPS 8726520 St. Petersburg, Tampa Bay, FL



Last Observed Sample: 05/28/2018 12:00 (EDT)

Barometric Pressure: 1009.9 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8727520	Cedar Key, FL	05/28/2018 12:12 (EDT)	1.51 ft	-0.02 ft	1.53 ft	1.54 ft
8728690	Apalachicola, FL	n/a	n/a	n/a	n/a	n/a
8729108	Panama City, FL	05/28/2018 11:06 (CDT)	1.46 ft	0.03 ft	1.43 ft	1.55 ft
8729840	Pensacola, FL	05/28/2018 11:00 (CDT)	1.17 ft	0.23 ft	0.94 ft	1.17 ft
8735180	Dauphin Island, AL	05/28/2018 11:06 (CDT)	1.18 ft	0.11 ft	1.07 ft	1.32 ft
8736897	Coast Guard Sector Mobile, AL	05/28/2018 11:06 (CDT)	0.49 ft	-0.14 ft	0.63 ft	0.52 ft
8741533	Pascagoula NOAA Lab, MS	05/28/2018 11:00 (CDT)	0.95 ft	0.00 ft	0.95 ft	1.13 ft
8747437	Bay Waveland Yacht Club, MS	05/28/2018 11:12 (CDT)	1.21 ft	0.15 ft	1.06 ft	1.21 ft
8761305	Shell Beach, LA	05/28/2018 11:12 (CDT)	1.19 ft	-0.13 ft	1.32 ft	1.19 ft
8760922	Pilots Station East, S.W. Pass, LA	05/28/2018 11:06 (CDT)	1.33 ft	-0.03 ft	1.36 ft	1.54 ft
8726724	Clearwater Beach, FL	05/28/2018 12:06 (EDT)	1.02 ft	0.09 ft	0.93 ft	1.09 ft
8726520	St. Petersburg, Tampa Bay, FL	05/28/2018 12:00 (EDT)	0.95 ft	0.02 ft	0.93 ft	1.20 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce